

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02F1/1343 G02F1/133

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02F H01C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 106 858 A (DARGENT BRUNO ET AL) 15 August 1978 (1978-08-15) column 3, line 38 - column 7, line 19; figures 3,4,7	1-4,6,7, 9-15,17
Y	-----	5,8
Y	US 3 675 988 A (SOREF RICHARD A) 11 July 1972 (1972-07-11) column 10, line 13 - column 11, line 25; figures 18,19	5
Y	----- PATENT ABSTRACTS OF JAPAN vol. 0120, no. 68 (P-672), 3 March 1988 (1988-03-03) & JP 62 209412 A (JIESU:KK), 14 September 1987 (1987-09-14) abstract ----- -/--	8

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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Date of the actual completion of the international search

19 October 2004

Date of mailing of the international search report

24/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	YE M ET AL: "DRIVING OF LIQUID CRYSTAL LENS WITHOUT DISCLINATION OCCURRING BY APPLYING IN-PLANE ELECTRIC FIELD" JAPANESE JOURNAL OF APPLIED PHYSICS, PUBLICATION OFFICE JAPANESE JOURNAL OF APPLIED PHYSICS. TOKYO, JP, vol. 42, no. 8, PART 1, August 2003 (2003-08), pages 5086-5089, XP001191433 ISSN: 0021-4922 page 5087 - page 5089; figure 3	1-4,6,7, 9-17
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Y	NOSE T ET AL: "Optical properties of a liquid crystal microlens with a symmetric electrode structure" JAPANESE JOURNAL OF APPLIED PHYSICS, PART 2 (LETTERS) JAPAN, vol. 30, no. 12B, 15 December 1991 (1991-12-15), pages L2110-L2112, XP002301135 ISSN: 0021-4922 Par. 1, Introduction; par. 4, Conclusions.	5
X	US 4 802 744 A (ENARI MASAHIKO ET AL) 7 February 1989 (1989-02-07) column 3, line 25 - line 30 column 5, line 23 - line 61; claim 1; figures 3,4	15
A	-----	1-4,6,7, 10,14
P,A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) -& JP 2004 004616 A (JAPAN SCIENCE & TECHNOLOGY CORP), 8 January 2004 (2004-01-08) abstract paragraph '0046! - paragraph '0054!; claims 5-7	1-7, 10-15,17
A	US 5 596 430 A (HASEGAWA MASAKI ET AL) 21 January 1997 (1997-01-21) column 3, line 55 - column 7, line 67; figures 1,2 ----- -/--	1-17

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/IB2004/051345

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>VAN DEN BROEK J J ET AL: "Metal film precision resistors: resistive metal films and a new resistor concept" PHILIPS JOURNAL OF RESEARCH, ELSEVIER, AMSTERDAM, NL, vol. 51, no. 3, 1998, pages 429-447, XP004129318 ISSN: 0165-5817 the whole document</p> <p>-----</p>	12
A	<p>EP 0 440 144 A (SANYO ELECTRIC CO ; TOKYO SANYO ELECTRIC CO (JP)) 7 August 1991 (1991-08-07) column 4, line 10 - column 7, line 12</p> <p>-----</p>	13
A	<p>MAROTTA V ET AL: "Indium and tin oxide multilayered thin films as gas sensors based on reactive pulsed laser deposition" PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING SPIE-INT. SOC. OPT. ENG USA, vol. 4070, 2000, pages 338-344, XP002301136 ISSN: 0277-786X Par. 3.3; fig. 4</p> <p>-----</p>	10,11,14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051345

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